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(54) Title: METHODS AND COMPOSITIONS FOR OPSONOPHAGOCYTIC ASSAYS

(57) **Abstract:** Methods and compositions comprising immunoassays for the detection of functional antibodies and the analysis of vaccine efficacy are described. In particular, the present invention provides opsonophagocytic assays. The assays are useful for the rapid and simultaneous detection of multiple different functional antibodies. In preferred embodiments, the assays include fluorescent labels of multiple colors and/or intensities.